TAX REFERENCE	#		
IAA ILL LILLIUCL	#		

COUNTY HEALTH DEPARTMENT WASTEWATER TREATMENT MANAGEMENT PROGRAM SYSTEMS INSPECTION REPORT

SYSTEM OWNER :ADDRES	S:
SYSTEM OPERATOR: LOCATIO	ON
DATE OF THIS INSPECTION DATE OF LAST INS	PECTIONTIME
LPP inspection (3 yr.) Pump Conventional - Pressure	Manifold (5 yr.) Reinspection
Engineered System (1 yr.) No Operator (6 mon.)	Sand filter (1 yr.)
Food/Lodging Compliance Inspection	In Compliance? Remarks:
FACILITY:	<u>Y</u> N_
Type, size, and sewage flow in accordance with permit?	
TANKAGE:	
Risers accessible, surface water diverted?	
Risers strucurally sound, watertight?	
Sanitary tee in good condition, effluent filter cleaned as needed?	' <u> </u>
Sludge depth/appearance, level acceptable?	
EFFLUENT DOSING SYSTEM:	
Sludge depth/appearance, effluent appears clear	? -
Required pumps present, operating, and cycling properly?	
High-water alarm present and operating properly?	
Vent/floats/pipe/valves/disconnects in good working condition?	H H
Control panel/electrical components in good condition?	
GROUND ABSORPTION FIELDS:	
No evidence of effluent surfacing/reaching surface waters? Minimal ponding in subsurface trenches?	H H
Surface water diverted around fields, no depressions on drainfiel	
Line cover/vegetation adequate/maintained as needed?	"
Protected from traffic, destructive uses?	
Distribution devices accessible?	
Distribution devices in good condition, working properly?	
Repair area properly reserved, maintained?	
Turn-ups/cleanouts/valves intact and accessible?	
No effluent standing in lower laterals?	
Laterals free of excess solids, flushed as needed?	
OPERATOR REPORTS RECEIVED / UP TO DATE	
DELIVERY RATE / PRESSURE HEAD	
Design Rate Measured Rate PT	
gpm @ft"/min. xgpi =	gpm @ft. head
Left @ft"/ min. xgpi = _	gpm @ft. head
Percent Efficiency of Delivery =%	
etm(this) etm(last)[X 60min]=min X _	gpm=gals /days =gpd avg
0.014451470	
COMMENTS	
IMPROVEMENTS NEEDED	
IMPROVEMENTS NEEDED	
STATUS OF SYSTEM: Compliant Structural Non-compliant	Malfunctioning Incomplete Inspection
If you have questions regarding this inspection report, contact The County Health Dep	
- extension 2360 8 AM - 5 PM (Field staff are generally available from 8-9 AM & 4:30	-5 PM)
Faviron and all leads Connected at	
Environmental Health Specialist	

TAX REFERENCE #		
IAA NEFENENCE#		

COUNTY HEALTH DEPARTMENT OPERATOR REPORT for WASTEWATER TREATMENT SYSTEM INSPECTION

SYSTEM OPERATOR: LOCATION DATE OF THIS INSPECTION DATE OF LAST INSPECTION TIME SYSTEM O.P. ISSUED (MONTH/YEAR). LPP inspection Pump Conventional - Pressure Manifold Other Remarks: Prinspection Annual insp. In Compliance? FACILITY: N Type, size, and sewage flow in accordance with permit? N Properties of Month insp. In Compliance? FACILITY: N TANKAGE: Risers accessible, surface water diverted? Risers accessible, surface water diverted? Risers accessible, surface water diverted? Risers strucurally sound, watertight? Sanitary tee in good condition/effluent filter cleaned? Sludge depth/appearance Interest of the property? Sanitary tee in good condition/effluent appears clear? Required pumps present, operating, and cycling property? High-water alarm present and operating property? Vent/floats/pipe/valves/disconnects in good working condition? Control panel/electrical components in good condition? GROUND ABSORPTION FIELDS: No evidence of effluent surfacing/reaching surface waters? Minimal ponding in subsurface trenches? Surface water diverted around fields, no depressions on drainfield? Line cover/vegetation adequate/maintained as needed? Protected from traffic, destructive uses? Distribution devices accessible? No effluent standing in lower laterals? Laterals free of excess solicis, flushed as needed? Postroited fluent standing in lower laterals? Laterals free of excess solicis, flushed as needed? Design Rate Measured Rate Pump Tank Size Pump Tank #	SYSTEM OWNER :	ADDRES	S:			
SYSTEM O.P. ISSUED (MONTH/YEAR) LPP inspection	SYSTEM OPERATOR:	LOCATIO)N			
LPP inspection			PECTION_	TIME_		
6 month insp.						
FACILITY: Type, size, and sewage flow in accordance with permit? Type, size, and sewage flow in accordance with permit? TANKAGE: Risers accessible, surface water diverted? Risers structurally sound, watertight? Sanitary tee in good condition/effluent filter cleaned? Sludge depth/appearance						
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Distribution devices accessible? Distribution devices in good condition, working properly? Repair area properly reserved, maintained? Turn-ups/cleanouts/valves intact and accessible? No effluent standing in lower laterals? Laterals free of excess solids, flushed as needed? DELIVERY RATE / PRESSURE HEAD Design Rate			HH			
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Repair area properly reserved, maintained? Turn-ups/cleanouts/valves intact and accessible? No effluent standing in lower laterals? Laterals free of excess solids, flushed as needed? DELIVERY RATE / PRESSURE HEAD Design Rate			HH			
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DELIVERY RATE / PRESSURE HEAD Design Rate Measured Rate Pump Tank Size Pump Tank # gpm @ft. "/min. x gpi =gpm @ft. head P.head left @ft. "/min. x gpi =gpm @ft. head Percent Efficiency of Delivery = [Measured Rate/Design Rate] X 100 =% etm(this) etm(last)						
Design Rate						
Design Rate	,					
gpm @ft"/min. xgpi =gpm @ft. head P.head left @ft"/min. xgpi =gpm @ft. head Percent Efficiency of Delivery = [Measured Rate/Design Rate] X 100 =% etm(this)etm(last)[X 60min]=min Xgpm=gals /days =gpd avg COMMENTS IMPROVEMENTS NEEDED STATUS OF SYSTEM: Compliant Noncompliant						
Percent Efficiency of Delivery = [Measured Rate/Design Rate] X 100 =% etm(this) etm(last)[X 60min]=min Xgpm=gals /days =gpd avg COMMENTS IMPROVEMENTS NEEDED	Design Rate M	easured Rate Pump Tanl	c Size	Pump	Tank #	
Percent Efficiency of Delivery = [Measured Rate/Design Rate] X 100 =% etm(this) etm(last)[X 60min]=min Xgpm=gals /days =gpd avg COMMENTS	gpm @ft.	"/ min. x g	pi =	gpm @ ft.	head	
etm(this) etm(last) [X 60min]=min Xgpm= gals /days =gpd avg COMMENTS IMPROVEMENTS NEEDED STATUS OF SYSTEM: Compliant Noncompliant	P.head left @ ft.	"/ min. x g	gpi =	gpm @ ft	. head	
COMMENTS	Percent Efficiency of Delivery =	[Measured Rate/Design Rate] X	100 =	%		
IMPROVEMENTS NEEDED	etm(this) etm(last)	[X 60min]=min X	gpm=	gals /	days =	gpd avg
STATUS OF SYSTEM: Compliant \(\square \) Noncompliant \(\square \)	COMMENTS					
STATUS OF SYSTEM: Compliant \(\square \) Noncompliant \(\square \)	IMPROVEMENTS NEEDED					
· — — — — — — — — — — — — — — — — — — —	IMPROVEMENTS NEEDED					
· — — — — — — — — — — — — — — — — — — —						
· — — — — — — — — — — — — — — — — — — —						
· — — — — — — — — — — — — — — — — — — —	STATUS OF SYSTEM:	Compliant Noncom	oliant 🖂			
Certified Operator	CIATOG OF GIGILINI.	Compilate Noncomp	,a.ii			
				Certified Operato	r	

A Copy of this report will be submitted to: The County Health Department, Environmental Health Division,

TAX REFERENCE	#		
IAA ILL LILLIUCL	#		

COUNTY HEALTH DEPARTMENT WASTEWATER SYSTEM INSTALLATION INSPECTION REPORT

	र : र:	LOCATION DATE OF FIRST INSPECTION		
	TYPE	OVATIVE PUMP MANIFOLD	LPP 🗆	
TANKS ST Effluent Filter: Brand: Model#:	MANU PSI DATE Inlet Riser OK Outlet Riser OK	TESTED	_TDH 	
SUPPLY PIPE DIAGRAM - AS B	SIZE," OK TO COVER PRESSURE TEST UILT	ELECTRICAL ENCLOSURE/CONDUIT DUCT SEAL GROUT COMMENTS		
YET TO DO: DATE DATE DATE			INITIALS	

FACILITY NAME:	TAX REF#
DATE THIS	WATER METER READING THIS VISIT
	WATER METER READING LAST VISIT
NO. DAYS	TOTAL GALLONS WATER USED
PUMP #1 FIELD #	
Desig	gn Flow =gpm @ft. head
Measured Flow Rate:"/min. X	gpi =gpm @ft. head
	D +)//400
Percent Efficiency of Delivery = (Measured Rate/Desig	
ETA TUIO	EVENTS LAST
ETM THIS	EVENTS DIFF
ETM LAST	nala / dava and ava
ETM DIFF X 60 =min. Xgpm	=gais./days =gpd avg
PUMP #2 FIELD#	
	gn Flow =gpm @ft. head
Measured Flow Rate:"/min. X	
Weasured Flow Rate: /	gpri =gprif @rt. nead
Percent Efficiency of Delivery = (Measured Rate/Desig	n Rate)X100= % EVENTS THIS
Fercent Enrichency of Derivery = (Measured Nate/Desig	EVENTS ITHIS
ETM THIS	EVENTS LAST
ETM THIS	EVENTO DIFF
ETM LAST ETM DIFF X 60 =min. Xgpm	golo / dovo god ovo
ETM DIFF	=gals./uays =gpu avg
PUMP #3 FIELD#	
	yn Flow =gpm @ft. head
Measured Flow Rate:"/min. X	gpi = gpm @ ft. head
Percent Efficiency of Delivery = (Measured Rate/Desig	n Rate)X100= % EVENTS THIS
,	EVENTS LAST
ETM THIS	EVENTS DIFF.
ETM LAST	
ETM DIFF X 60 =min. Xgpm	= gals./ days = gpd ayg
	gradagrada_
PUMP #4 FIELD#	
Desig	gn Flow =gpm @ft. head
Measured Flow Rate:"/min. X	gpi =gpm @ft. head
Percent Efficiency of Delivery = (Measured Rate/Desig	n Rate)X100=% EVENTS THIS
, , , , , , , , , , , , , , , , , , , ,	EVENTS LAST
ETM THIS	EVENTS DIFF
ETM LAST	
ETM DIFF X 60 =min. Xgpm	= gals./ days = gpd avg
51	

TOTAL GPD_____

SANDFILTER PRE-TREATMENT INSPECTION ATTACHMENT SHEET

TYPE SANDFILTER: TS-1 BURIED	TS-1 FRE	E ACCESS	TS-2 RECIRCULATING	OTHER
	In Compl	iance?		
SANDFILTER DOSING SYSTEM:	Υ	N	Remarks:	
Pump present, operating, cycling properly?				
High water alarm operating properly?				
Floats/pipe/valves/union in good condition?				
Control panel/components in good repair?				
SANDFILTER:				
Surface/subsurface water diverted?				
Containment structure in good condition?				
Filter underdrain properly vented?				
Observation port accessible?				
Sand media replaced with approved media?				
No ponding of effluent?				
Effluent equally distributed?				
Filter properly dosed? Note # of times/day?				
Laterals flushed?				
Physical integrity of pipe network good?				
Head properly adjusted? Note # of valve turn	ns			
Filter properly covered?				
DELIVERY RATE / PRESSURE HEAD				
Design Rate Measured Rate	Pump	Tank Size		
gpm @ft"/				
P.head left @ft"/	min. x	s;	gpm @ft. head	
Percent Efficiency of Delivery = [Measured R	ate/Design	 n Ratel X 100 =	%(not to be <75% of de	esign rate)
	J	•		,
etm(this)etm(last)[x 60 min]=	[a]mi	n. run time	
events(this)events(last)			timer le	eft at:
[a] / [b] =ave. pump run time			minutes "on" &	hours "off"
SAMPLING:				_
Sampling port accessible?				
Filter effluent appears clear?				
Meets minimum treatment standards of:				
BOD - 5 day <15mg/l or <10mg/l?				
Total suspended solids <15 mg/l or <10mg/l	?			
Ammonium-nitrogen <10mg/l?				
(TS-II) 50% total nitrogen reduction in ST				
effluent or Total nitrogen concentration in the)			
effluent from the pretreatment unit <15mg/l				
Fecal coliform bacteria densities				
< 10,000 colonies/100 ml				
Lab reports submitted by operator to HD?				
Improvements needed to pre-treatmen	t			
-				

INNOVATIVE SYSTEMS SURVEY

Tax Map Reference#			Date		
Owner's Name:					
Owner's Address:			,		NC
System installation date:					
Style of System(Trade name):					
Soil moisture conditions: (circle one)	Dry	Some mo	isture	Sat	urated
Type of System: (Circle one)	mp	Gravity		Other	
Are there observation ports for the system	n? (circle one)	YE	S	NO	
If Yes, comment on observations of the n	itrification line	S:			
Is the system properly landscaped over the	ne nitrification	lines? (Circl	e one)	YES	NO
Comments on landscaping:					
Describe surface stability over the nitrifica	ation lines (e.g	. spongy, fir	m):		
Drainfield vegetation (circle all that apply): Naturalized	l area (Grassed	Bare	Wooded
Drainfield vegetation properly maintained	l? (Circle one)	YES		NO	
Additional Comments:					
0.1					
System surveyed by:Enviror	nmental Health	Specialist			